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Evaluation of Chemical Research Relevant to Current and Projected U.S. Air Force Interests
Final Technical Report for AFOSR contract F44620-75-C-0001

The main activity carried out under this contract has been to evaluate research proposals submitted to the Directorate of Chemical Sciences, AFOSR. This has been carried out by expert scientists, both from Georgetown University faculty and from other university, industry and government laboratories. Eleven main meetings have been held to discuss evaluations of research proposals and also other portions of the AFOSR program. About sixteen university and industrial scientists and ten or more Air Force scientists attended each meeting (see table below). Detailed evaluations of all proposals were provided in written form. *JES* ←

<u>Date</u>	<u>Location</u>	<u>Proposals</u>	<u>Other Topic of Discussion</u>
March 15-16, 1974	Rosslyn, VA.	32	chemical thermodynamic
Sept. 12-13, 1974	Andrews AFB	21	AF research organiza- tion
April 8, 1975	Philadelphia	48	
Sept. 25-26, 1975	Albuquerque, NM	40	chemical lasers
May 20-21, 1976	Georgetown University	71	
Nov. 18-19, 1976	F. J. Sieler Lab	54	
May 12-13, 1977	Bolling AFB	41	AFOSR chemistry program
Nov. 17-18, 1977	AF Materials Lab	39	AFML program
May 4-5, 1978	Air War College	43	
Nov. 16-17, 1978	Berkeley, CA	39	computation in chemistry
May 24-25, 1979	Alexandria, VA	43	AFOSR chemistry program

One or more expert scientists provided advice and evaluation services at meetings on various topics during this period. The topics (and times) of such services include:

chemical laser (Spring, 1976)
fluorine chemistry (April, 1976)
chemical dynamics (October, 1977)
analytical chemistry (June, 1979)
surface chemistry (June, 1979)
polymer chemistry (June, 1979).

Reports in appropriate format have already been provided on all these activities.

Joseph E. Earley
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July 2, 1979

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